M. A. R. 57 (Rule 116) **No. E** 496601

Measurement Book

Serial No. first and part bill

Name of work Improvements to road and drain and other developmental works in From To

Name of Contractor of nature of Agency singanayakanahalli grama panchayathi limits under

Date of commencement of work SWM head in chief Minister Navanagarothana grants of Yelahanka Division (package-10)

Date	Name of Agency : M/s Karthik Enterprises Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost						
	Job code	003-20- 000090					
	Head of account						
	A.S No:	BBMP/J.E/YLKZ/AS/106/2019-20 DATE: 7/3/2020					
	T.S No:	BBMP/CE/TS/YLKZ/PR no/223/2019-20 DATE 8/11/2019					
	Work Order No:	BBMP/EE/YNK.D/EPMT-12/W.O/10/2020-21					
	Works Order Amount	Rs. 9,88,13,400.00					

M. A. R. 57 (Rule 116) No. E 496602
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item no. 2	- Providing and laying in plain Cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40 mm and down size graded granite metal course aggregate @ 0.892 cum and fine aggregates @ 0.485 cum.						
	Qty vide measurement EMB enclosed PG No.						
	Present bill Qty. →	145.72	Cum				
	Total Qty. →	996.93	Cum				
	At the rate of Rs →	5617.31					
					Total Amount →		818540.0
	Asstt. AE-02						

M. A. R. 57 (Rule 116) No. E
Measurement Book

496604

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 6 ; Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340 Kgs with 20mm and down size graded granite metal coarse aggregate @ 0.80 cum and fine aggregate @ 0.47 cum						
	Qty vide measurement EMB enclosed PG NO:						
	Present bill Qty.						0.00 Sqm
	Total Qty. →	61.32	Cum				
	At the rate of Rs. →	6537.67			Total amount Rs		0.00
	Anju AE-02						

M. A. R. 57 (Rule 116) No. E 496605
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 8 : BSRB 4-6-4: Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface						
	Qty vide measurement EMB enclosed Pg. NO:						0.00 Sqm
	Present Bill Qty/.						
	Total Qty/.	49658	Sqm				
	At the rate of Rs:	387.18			Total	Amount	Rs 0.00
	Sanjay AE-02						

M. A. R. 57 (Rule 116) No. E 496607
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No. 12	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonary including rounding off corners wherever required.						
	Qty/. vide measurement EMB enclosed			Pg. No:			
	~~Present~~ Bill no Qty/.						0.00
	Total Bill Qty/.	375.45	sqm				
	At the rate of Rs	264.97					
				Total	Amount	Rs 0.00	
	Cerify AE-2						

M. A. R. 57 (Rule 116) No. E 496609
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO:16: Providing and applying two coats with oil bound washable distarmper two Coats of distemper of approved brand						
	Qty vide measurement EMB enclosed PG. NO:						
	~~Present~~ Bill Qty.						0.00
	Total Bill Qty/.. →	328.11	Sqm				
	At the rate of Rs →	113.97					
				Total	Amount	Rs	0.00
	Certified AE-02						

M. A. R. 57 (Rule 116) No. E 496611
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item	NO: 20: Providing, Fabricating, assembling and fixing in position aluminium partitions using aluminium sections of mat finish or glassy finish in combinations of plain grove.						
	Qty. vide measurement ENTS enclosed PG Nos.						
							0.00
	Present Bill Qty.						
	Total Bill Qty. →	50.76					
	At the rate of Rs →	3638.17			Total	Amount	Rs 0.00
	Carry to AE-01						

M. A. R. 57 (Rule 116) No. E 496613
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
Item	NO: 24: Groove cutting in the wall suppling heavy gauge PVC Conduit pipe with bends.				Dia 2mm/2.5mm thick	
	Qty vide measurement EMB enclosed PG. NO.					
	Present Bill Qty/..					0.00
	Total Bill Qty/.. →	138.00	mtr-			
	At the rate of Rs/: →	56.70		Total	Amount	Rs 0.00
	Asst					

M. A. R. 57 (Rule 116) No. E 496615
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item 28: Suppling and wiring adopting loop system in existing PVC Conduit/casting capping using copper PVC insulated multi strand 2x 1.5 sq mm copper wire.						
	Qty vide Measurement EMB enclosed PG No/						
	Present Bill Qty/.						0.00
	Total Bill Qty/. →	12.00					
	At the rate of Rs/. →	288.75					
				Total	Amount		Rs 0.00

AE-32

M. A. R. 57 (Rule 116) No. E
Measurement Book
496617

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item	NO: 33 (b) 6 Sq mm Present Qty vide measurement EMB enclosed PG. NO.					→	0.00
	~~Present~~ Bill Qty						
	Total Bill Qty →	474.00	nuts				
	At the rate of →	Rs 73.50				Total Amount	Rs 0.00
Item	NO: 34 Supplying and fixing of PVC casing and capping on the wall. Qty vide measurement EMB enclosed PG. NO:					→	0.00
	~~Present~~ Bill Qty						
	Total Bill Qty →	90 Each.					
	At the rate of →	23.10				Total Amount	Rs 0.00

Clear AE-ol

M. A. R. 57 (Rule 116) **No. E**
Measurement Book
496619

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item	NO: 41: 50-100.00 mtr.						
	Qty vide measurement	EMB enclosed		PG NO	→		0.00
	Present Bill Qty						
	Total Bill Qty →	600.00 Mtr				Total Amount	Rs 0.00
	At the rate of →	464.10					
Item	NO: 42: 100-150 mtr.						
	Qty vide measurement	EMB enclosed		PG NO	→		0.00
	Present Bill Qty						
	Total Bill Qty →	600.00 Mtr				Total Amount	Rs 0.00
	At the rate of →	478.80					

Certified
AE

M. A. R. 57 (Rule 116) No. E 496621
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item 49: Providing 175 mm dia MS casing cap Qty vide measurement EMB enclosed PG NO:					→	0.00
	~~Present~~ Bill Qty						
	Total Bill Qty →	12.00	no				
	At the rate of →	105.00		Total	Amount →		Rs 0.00
	Item 50: Supplying and drawing 3 core flat PVC sheathed submersible pump cable.						
	Qty vide measurement EMB enclosed PG NO:					→	0.00
	~~Present~~ Bill Qty.						
	Total Bill Qty →	6950.00	Mtr				
	At the rate of →	Rs 215.25		Total	Amount →		Rs 0.00

Cert AE-02

M. A. R. 57 (Rule 116) No. E 496623
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 57 Providing and fixing in position 50mm nominal bore non return valve horizontal type of approved make.						
	Qty vide measurement EMB enclosed PG NO.						
	Present Bill Qty						0.00
	Total Bill Qty →	12.00 Nos					
	At the rate of → Rs	1372.42			Total	Amount	Rs 0.00
	Item NO: 58 Supplying and fixing maniature circuit breakers on existing MCB						
	Qty vide measurement EMB enclosed PG.NO:						
	Present Bill Qty						0.00
	Total Bill Qty →	12.00					
	At the rate of → Rs	2516.85			Total	Amount	Rs 0.00

Certified AE-32

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496625

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item	NO: 63 KSRRB M200-11 rank vegetation.	1	Clearing and	grubbing	road	load	Including upro
	Qty vide measurement	EMB enclosed		PG. NO			0.00.
	Present Bill Qty						
	Total Bill Qty →	0 68 H a			Total	Amount →	Rs 0.00
	At the Rate of →	Rs 24773.92					
Item	NO: 64: KSRRB 5.2-3	Providing and	constructing	granite	/ trap / basalt		
	size stone masonary	in foundation	cement	mortar 1:6.			
	Qty vide measurement	EMB enclosed		PG. NO.			0.00.
	Present Bill Qty						
	Total Bill Qty →	52.79	Cum				
	At the Rate of →	Rs 4970.57			Total	Amount →	Rs 0.00

AE-02

M. A. R. 57 (Rule 116) No. E 496627
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work .....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 71	Supplying and fixing new Manglore tiles on existing reepers						
	Qty vide measurement EMB enclosed Pg. No.						
	present Bill Qty						0.00
	At the rate of →	Rs 1140.17					
	Total Bill Qty →	33.60	Sqm		Total	Amount →	Rs 0.00
Item 72	Providing Manglore Ridge tiles set in CM 1:2 and pointed with CM 1:2.						
	Qty vide measurement EMB enclosed Pg. No						
	Present Bill Qty						0.00
	Total Bill Qty →	33.60	Sqm				
	At the rate of →	Rs 220.63			Total	Amount →	Rs 0.00.

AE-02

M. A. R. 57 (Rule 116) **No. E**
Measurement Book
496629

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 79: Providing and Laying / fixing cement base, precast, pre polished cement concrete						
	Qty vide measurement	EMB enclosed		Pg. NO.			
	~~Present~~ Bill Qty						0.00
	Total Bill Qty →	30.00	Sqm		Total Amount →		Rs 0.00
	At the rate of →	Rs 1332.41					
	Item NO: 80: Executive Benches - Made out of Sadarahalli grey stone with hand supports						
	Qty vide measurement	EMB enclosed		Pg. NO			0.00
	~~Present~~ Bill Qty						
	Total Bill Qty	1200 Each					
	At the rate of	19110.00		Total Amount			Rs 0.00

Copy to AE-02

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496631

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 86 : (c) Course Sand. Qty vide Measurement EMB enclosed PG. NO. Present Bill Qty Total Bill Qty 3.53 Cum at the rate of Rs 2783.55				Total Amount →		0.00 Rs 0.00
	Item NO: 87: (a) fine Sand. Qty vide Measurement EMB enclosed PG. NO. Present Bill Qty Total Bill Qty → 2.36 Cum at the rate of Rs 2783.55				Total Amount →		0.00 Rs 0.00

Certified AE-02

M. A. R. 57 (Rule 116) No. E 496633
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 94: Providing and Laying 100mm thick pre cast slab over drain.						
	Qty vide Measurement EMB enclosed Pg. NO.						
	~~Present Bill Qty~~/..					→	432.50
	~~Total Bill Qty~~/..	1289.65	m				
	At the rate of	1169.10			Total Amount :-Rs		505636.00.
	Item NO: 95: Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10 cm thick.						
	Qty vide Measurement EMB enclosed Pg NO.						
	~~Present Bill Qty~~						365.30
	~~Total Bill Qty~~	2886.30	Sqm				
	At the rate of Rs	2453.85			Total Amount → Rs		896379.00

Certified AE-ol

M. A. R. 57 (Rule 116) No. E
Measurement Book

496635

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Item no 102: KSRB M200-24 Dismantling of cement concrete pavement by mechanical means.						
	Qty vide Measurement EMB enclosed PG NO.						131.11
	Present Bill Qty						
	Total Bill Qty	439.00					
	At the rate of - Rs 999.15				Total Amount		Rs 130994.00
	Item no 103: KSRB 4-16, Providing and Laying in position plain cement concrete of Mix 1:2:4.						
	Qty vide Measurement EMB enclosed PG NO						0.00
	Present Bill Qty						
	Total Bill Qty	23.24					
	At the rate of → Rs 863.89				Total amount		Rs 0.00

Certified AE-OL

M. A. R. 57 (Rule 116) **No. E**
Measurement Book

496637

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Item NO: 110: Providing and laying bituminous concrete 40mm thi Qty vide Measurement EMB enclosed PG NO.						
	Present Bill Qty						0.00
	Total Bill Qty	248.83	Cum				
	At the rate of — Rs 3875.87				Total Amount		Rs 0.00
	Item NO: 111 Providing and laying flooring using prepolished, gang saw/ water cut 19mm thick granite laid with a bed of 20mm.						
	Present Bill Qty						0.00
	Total Bill Qty	90.00	Sqm				
	At the rate of	2422.56.			Total Amount		Rs 0.00

AE-02

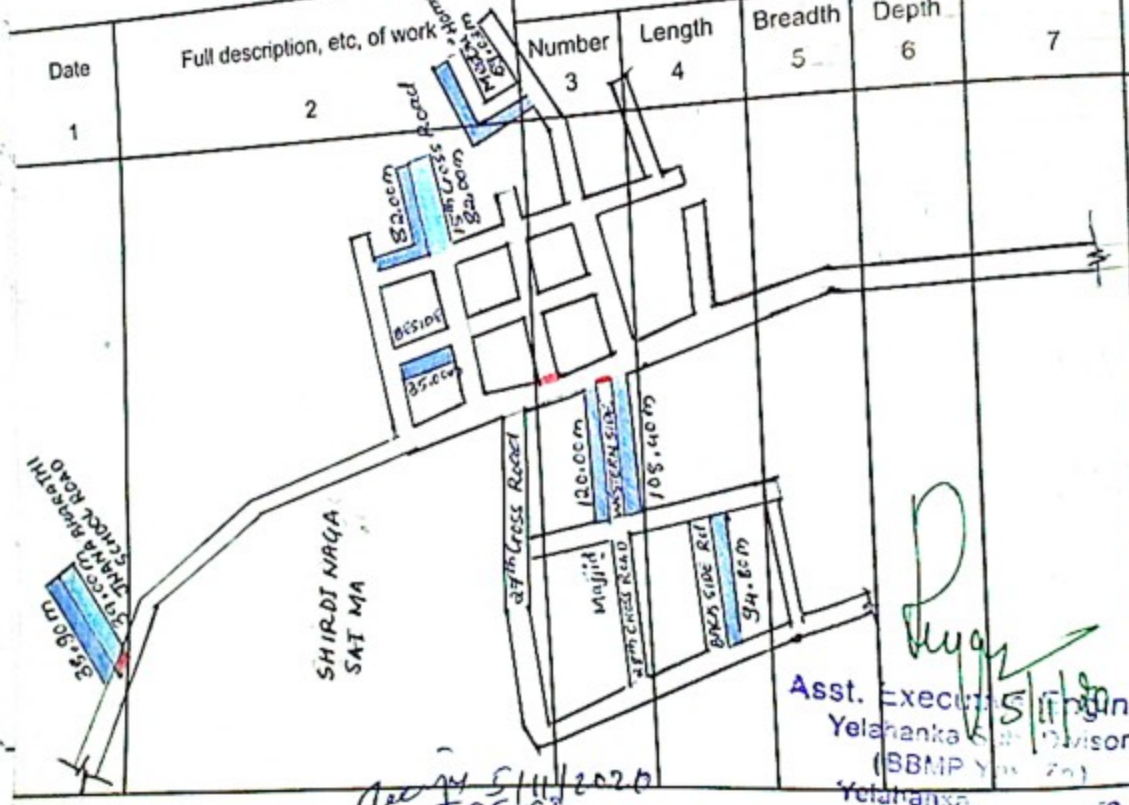
M. A. R. 57 (Rule 116) No. E 496638
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total						8618173.00
	GST 12%						1034181.00
	Grand Total						9652354.00
	CERTIFICATE						
1	Certified that the work done is satisfactorily						
2	There is no departmental issues by BBMP.						
	Ramji 5/11/2020 AE-2						
	Asst. Executive Engineer						
	Yelahanka Sub. Division						
	(BBMP Ynk. Zn)						
	Yelahanka, Bangalore						

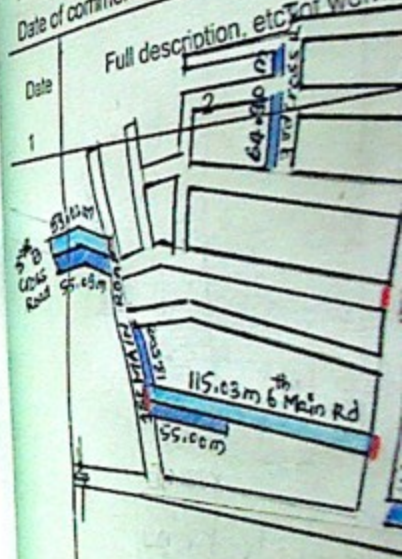
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2



AE-02

M. A. R. 57 (Rule 116) No. E 496639

Measurement Book

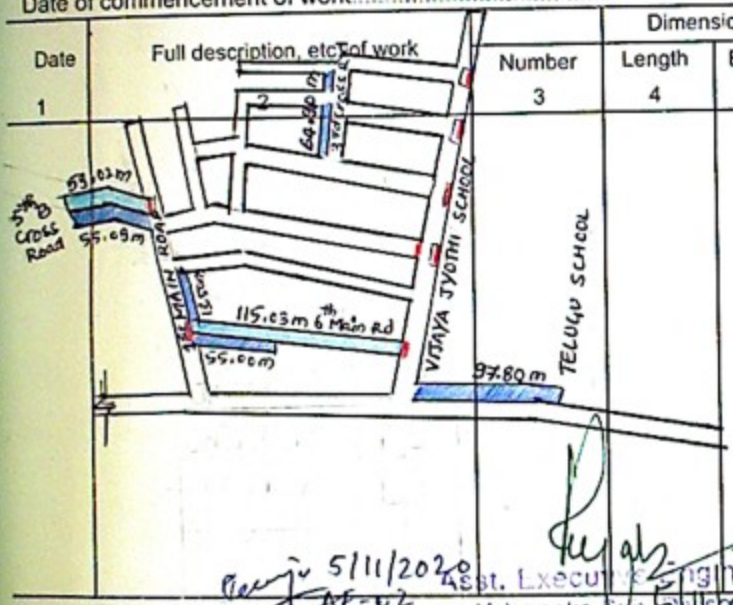
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1		3	4	5 / 6	7	8



5/11/2020
AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	

Serial No.
Name of work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Number
1	2	3